SEQUENCE LISTING

<110> Hilbush, Brian S
Hasel, Karl W
Sutcliffe, Gregor J
Chang, Hwai Wen
Callahan, Marie A
Quan, Jeanette

<120> Simplified Method For Indexing And Determining The Relative Concentration Of Expressed Messenger RNAs

<130> 98,430

<140>
<141>

<150> US09/186,869
<151> 1998-11-04

<150> PCT/US99/23655
<151> 1999-10-14

<160> 32

<170> PatentIn Ver. 2.0

<210> 1
<211> 79
<212> DNA
<213> Artificial Sequence

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<223> Description of Artificial Sequence: synthetic primer (cDNA anchor primer) wherein base 1 is a biotinylated adenosine residue

<220>

<221> misc_feature

<222> (78)..(79)

<223> each n can represent a, c, g, or t

<400> 1

atgaattctc tagagattgc tacctcagtc tgagctccac cgcggtagta ctcactgctt 60

ttttttttt tttttvnn 79

<210> 2

<211> 48

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence : synthetic primer (cDNA anchor primer)

<220>

<221> misc_feature

<222> (47)..(48)

<223> each n can represent a, c, g, or t

<400> 2

gaattcaact ggaagcggcc gcaggaattt ttttttttt tttttvnn 48

<210> 3

<211> 15

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: 3' RT primer

<400> 3

gagctccacc gcggt 15

<210> 4

<211> 16

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<223> Description of Artificial Sequence: 3' PCR primer

<400> 4

gagctcgttt tcccag 16

<210> 5

<211> 65

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: one strand of

double stranded adapter

<400> 5

atgaattcgg taccaattaa ccctcactaa agggacagct tatcatcgct cgagctcgac 60

ggtat 65

<210> 6

<211> 67

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: other strand
of double stranded adapter

<400> 6

cgataccgtc gagctcgagc gatgataagc tgtcccttta gtgagggtta attggtaccg 60

aattcat 67

<210> 7

<211> 52

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:O1 (antisense
strand); double stranded adapter wherein base 1 is
a phosphorylated cytosine residue

<400> 7

cgataccgtc gacctcgagg tccctttagt gagggttaat tggtaccgaa tt 52

<210> 8

<211> 50

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: O2 (sense strand); double stranded adapter

<400> 8

aattcggtac caattaaccc tcactaaagg gacctcgagg tcgacggtat 50

<210> 9

<211> 56

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: one strand of double stranded adapter wherein base 1 is a phosphorylated guanosine residue

<400> 9

gatcctcacc acagagcttc gaggtccctt tagtgagggt taattggtac cgaatt 56

<210> 10

<211> 52

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: one strand of
double stranded adapter

<400> 10

aattcggtac caattaaccc tcactaaagg gacctcgaag ctctgtggtg ag 52

<210> 11

<211> 52

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: one strand of
a double stranded adapter wherein base 1 is a
phosphorylated cytosine residue

<400> 11

ctcaccacag agcttcgagg tccctttagt gagggttaat tggtaccgaa tt 52

<210> 12

<211> 56

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: one strand of
double stranded adapter

<400> 12

aattcggtac caattaaccc tcactaaagg gacctcgaag ctctgtggtg agcatg 56

<210> 13

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Reverse transcriptase MN0 primer

<400> 13

cagtctgagt ccaccgcggt 20

<210> 14

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic primer (5' PCR N1 primer)

<220>

<221> misc_feature

<222> (21)

<223> n can represent a, c, g, or t

<400> 14

ctcgagctcg acggtatcgg n 21

<210> 15

<211> 16

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic primer (5' PCR N4 primer)

<220>

<221> misc_feature

<222> (13)..(16)

<223> each n can represent a, c, g, or t

<400> 15

cgacggtatc ggnnnn 16

<210> 16

<211> 19

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic primer (5' PCR N1 primer)

<220>

<221> misc_feature

<222> (19)

<223> n can represent a, c, g, or t

<400> 16
agctctgtgg tgaggatcn 19

<210> 17
<211> 16
<212> DNA
<213> Artificial Sequence

<220>
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<220>
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<223> each n can represent a, c, g, or t

<400> 17
gtggtgagga tcnnnn 16

<210> 18
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: synthetic primer (5' PCR N1 primer)

<220>

<221> misc_feature

<222> (19)

<223> n can represent a, c, g, or t

<400> 18

agctctgtgg tgagcatgn 19

<210> 19

<211> 16

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic primer (5' PCR N4 primer)

<220>

<221> misc_feature

<222> (13)..(16)

<223> each n can represent a, c, g, or t

<400> 19

gtggtgagca tgnnnn 16

<210> 20

<211> 22

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic primer (5' PCR N1 primer)

<220>

<221> misc_feature

<222> (22)

<223> n can represent a, c, g, or t

<400> 20

cctcgaggtc gacggtatcg an 22

<210> 21

<211> 16

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic primer (5' PCR N4 primer)

<220>

<221> misc_feature

<222> (13)..(16)

<223> each n can represent a, c, g, or t

<400> 21

cgacggtatc gannnn 16

<210> 22

<211> 30

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic primer (NF-kB extended primer)

<400> 22

gatcgaatcc ggcccgcctg aatcattctc 30

<210> 23

<211> 12

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: first stuffer segment of anchor primer

<400> 23

agtactcact gc 12

<210> 24

<211> 17

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: second stuffer segment of anchor primer

<400> 24

gattgctacc tcagtct 17

<210> 25

<211> 16

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic primer (5' PCR N4 primer)

<220>

<221> misc_feature

<222> (16)

<223> n can represent a, c, g, or t

<400> 25

gctcgacggt atcggn 16

<210> 26

<211> 16

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic primer (5' PCR N2 primer)

<220>

<221> misc_feature

<222> (15)..(16)

<223> each n can represent a, c, g, or t

<400> 26

ctcgacggta tcggnn 16

<210> 27

<211> 16

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic primer (5' PCR N3 primer)

<220>

<221> misc_feature

<222> (14)..(16)

<223> each n can represent a, c, g, or t

<400> 27

tcgacggtat cggnnn 16

<210> 28

<211> 16

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic
primer (5' PCR N5 primer)

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<221> misc_feature
<222> (12)..(16)
<223> each n can represent a, c, g, or t

<400> 28
gacggtatcg gnnnnn 16

<210> 29
<211> 16
<212> DNA
<213> Artificial Sequence

<220>
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primer (5' PCR N6 primer)

<220>
<221> misc_feature
<222> (11)..(16)
<223> each n can represent a, c, g, or t

<400> 29
acggtatcgg nnnnnn 16

<210> 30
<211> 16
<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic primer (5' PCR N4 primer)

<220>

<221> misc_feature

<222> (16)

<223> n can represent a, c, g, or t

<400> 30

ggtcgacggt atcggn 16

<210> 31

<211> 16

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic primer (5' RT primer)

<400> 31

aggtcgacgg tatcgg 16

<210> 32

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic primer (5' RT primer)

<220>

<221> misc_feature

<222> (18)..(21)

<223> each n can represent a, c, g, or t

<400> 32

gagctcgacg gtatcggnnn n 21